

AMENDMENTS TO THE SPECIFICATION

On page 6 of the specification, between paragraph [0019] and the section heading that reads "BRIEF DESCRIPTION OF THE DRAWINGS", insert the following paragraph:

Another object of the invention is to provide a method whereby cells of the nervous system are conferred with the ability to ectopically express recombinant antibody molecules in the brain, which molecules are end-specific for the N-terminus or C-terminus of amyloid- β peptides, to prevent the accumulation of amyloid- β peptides in the extracellular space, interstitial fluid and cerebrospinal fluid and the aggregation of such peptides into amyloid deposits in the brain.

On page 14 of the specification, please insert the following paragraph immediately before paragraph [0054]:

A method for preventing or inhibiting the progression of Alzheimer's Disease in accordance with the present invention, involves delivering a gene encoding the antisenilin molecule into brain cells where antisenilins are then stably expressed and secreted into the extracellular space, interstitial fluid and cerebrospinal fluid. The secretion of antisenilins into the extracellular space, interstitial fluid and cerebrospinal fluid, where soluble A β peptides are present, promotes the formation of soluble antisenilin-A β complexes.